

MANUFACTURING EXTENSION PARTNERSHIP

Success Stories from the Field

CACO Pacific Corporation

California Manufacturing Technology Consulting

Caco Pacific Corporation Improves On-Time Delivery and Reduces Costs

Client Profile:

Caco Pacific Corporation (CPC), located in Covina, California designs, fabricates, assembles, tests and ships a wide variety of high quality complex injection molding systems. The CPC products are manufactured and sold mainly to OEM (Original Equipment Manufacturer) companies throughout the world. Major toys and consumer products companies are key customers. CPC employs 130 people.

Situation:

In reviewing operating procedures, CPC identified significant issues that were contributing to increases in the customer promised lead-time. The issues were in the sales, customer quoting, engineering design cycles and approval processes. These administrative processes took between 6 to 8 weeks from design concepts to customer approval and required multi-level approvals. Improvements in the scheduling system could reduce schedule bumping, provide accurate information and shop floor visual based scheduling company-wide. CPC contacted California Manufacturing Technology Consulting (CMTC), a NIST MEP network affiliate, for help.

Solution:

CMTC facilitated a CPC project team in collecting data for the development of the Value Stream Map (VSM) to document the current operating processes. Once the map collected the baseline data, the team reviewed and validated the data for each process and made necessary corrections that would help the project team reach consensus. Upon approval of the Value Stream Map (VSM), CMTC facilitated the identification of ideas that would drive future improvement activities (Kaizens). After the improvement activities were identified, CMTC worked with the project team and CPC management to prioritize activities, develop an improvement schedule and assign resources and responsibilities. The team developed the company-wide Current State Map and a Future State Improvement Map from quoting to shipping mold products. Recommendations of improvements were successful to deliver products on-time, enhancing teamwork and communication throughout the company.

Results:

- * Increased revenue by 6.7 percent.
- * Reduced lead time by 5 days.

Testimonial:

"CMTC's Lean manufacturing knowledge and expertise has helped our company improve on-time delivery and to reduce costs."

Robert Hoffmann , President

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